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ADDITIONS TO MUSEUM.

MAMMALS.

- CHRISTOPHER GALLEGHER. Skull of *Balenoptera*, Cape May, N. J.
S. H. HAMILTON. Mink, *Putorius vison*, and Georgia Bat, *Pipistrellus*, Warren County, N. J.
MORGAN HEBARD. Three Bats, Arizona and New Mexico.
J. W. HOLMAN. Jumping Mouse, *Zapus hudsonius*, West Creek, Ocean County, N. J.
DAVID McCADDEN. Six embryos of the Gray Fox, *Urocyon cinereo-argenteus*.
JOSEPH E. SAPP. Franklin's Spermophile, *Citellus franklinii*, Tuckerton, N. J.
LEWIS SHEPPARD. Skull of Opossum.
R. W. SHUFELDT. Skeleton of *Vulpes macrotis*.
H. L. VIERECK. Jumping Mouse, *Zapus hudsonius*, Devon, Pa.
GEORGE WILKINSON. Skull and teeth of horse.
ZOOLOGICAL SOCIETY OF PHILADELPHIA. Prepared for mounting: White-handed Gibbon, *Hylobates lar* (with skull); European Wild-cat, *Felis catus* (with skull); South American Tapir, *Tapirus terrestris* (with skull); Beisa Antelope, *Oryx beisa*. Prepared as skins with skulls: Gray's Paradoxure, *Paradoxurus grayi*; Dorcas Gazelle, *Gazella dorcas*; Texan Deer-mouse, *Peromyscus* sp., Seymour, Tex. Prepared as skins with skeletons: Brazilian Ocelot, *Felis pardalis chibiquazou*; Dorcas Goat, *Capra dorcas*. Prepared as skin without skull: Crab-eating Raccoon, *Procyon cancrivorus*. Prepared as skeleton: Red River-hog, *Pomatochærus porcus*. Prepared as an alcoholic specimen: Pygmy Marmoset, *Hapale pygmæa*.

BIRDS.

- HERMANN BEHR (for Delaware Valley Ornithological Club Collection). Nest of Raven, *Corvus corax principalis*, Garrett County, Md.
J. G. DILLIN. Horned Owl, *Bubo virginianus*, Pennsylvania.
THOMAS EAKINS. Bald Eagle (*Haliaetus leucocephalus*) for skeleton, New Jersey.
MRS. THOMAS GUMMEY. Collection of mounted birds, Brazil.
H. W. HAND. Gannett, *Sula bassana*, Cape May, N. J.
J. W. HOLMAN. Bald Eagle, *Haliaetus leucocephalus*, West Creek, Ocean County, N. J.
MARY VAUX. Ruffed Grouse, *Bonasa umbellus*, Bryn Mawr, Pa.
ZOOLOGICAL SOCIETY OF PHILADELPHIA. White-crested Guan, egg of *Guira*, White Gerfalcon.
PURCHASED. Seven Wild Pigeons, *Ectopistes migratoria*, seven Sandhill Cranes, *Grus mexicana*, five exotic birds.

REPTILES AND AMPHIBIANS.

- H. W. FOWLER. Collection of reptiles and amphibians, Holmesburg, Philadelphia.

H. W. FOWLER, B. W. GRIFFITH and T. D. KEIM. Collection of reptiles and amphibians, Tullytown, Bucks County, Pa.

H. W. FOWLER and A. H. GROSH, Collection of amphibians, Bacon Hill, Md.

H. W. HAND. *Scaphiopus holbrooki*, Cape May, N. J.

MORGAN HEBARD. Fifty-four reptiles and amphibians, collected in Arizona and New Mexico by Hebard and Rehn.

J. W. HOLMAN. Two Pine Snakes, *Pituophys melanoleucus*, West Creek, Ocean County, N. J.; Red Salamander, *Spelerpes ruber*, West Creek, Ocean County, N. J.

MISS N. HOLMAN. *Sceloporus undulatus*, West Creek, Ocean County, N. J.

T. D. KEIM and W. STONE. Collection of reptiles and amphibians, Garrett County, Md.

DAVID MCCADDEN. *Rana pipiens*, Ocean City, N. J.

CLARENCE B. MOORE (collected by H. A. Pilsbry). Two *Anolis*, Florida Keys.

T. CHALKLY PALMER. *Typhlops lumbricalis*, West Indies.

JOSEPH PARKER. King Snake, *Ophibolus getulus*, West Creek, Ocean County, N. J.

J. A. G. REHN. Hog-nosed Snake, *Heterodon platyrhinus*, and Green Snake, *Ophiodyas æstivus*, West Creek, Ocean County, N. J.

G. S. ROBINSON, M. D. *Spelerpes ruber*, Holmesburg, Philadelphia.

E. G. VANATTA. Several amphibians, Chestertown, Md.

GEORGE B. WOOD. Several reptiles, West Palm Beach, Fla.

ZOOLOGICAL SOCIETY OF PHILADELPHIA. Skeleton of giant tortoise, Galapagos; *Boa imperator*.

FISHES.

W. J. EPTING. Two skins of *Salmo fontinalis*.

ERIE FISH CO. Collection of fishes from Lake Erie.

W. J. FOX. *Phycis regius* and *Ammodytes*, Sea Isle City, N. J.; skull of cod-fish, Sea Isle City, N. J.

H. W. FOWLER. Collection of fishes, Chester and Monocacy Creeks, Pa.

H. W. FOWLER, C. J. HUNT and T. D. KEIM. Collection of fishes, Rancocas Creek, N. J.

H. W. FOWLER and H. W. HAND. Collection of fishes, Cape May, N. J.

H. W. FOWLER and R. F. MILLER. Collection of fishes from Port Richmond, Philadelphia.

H. W. FOWLER and A. H. GROSH. Collection of fishes, Bacon Hill, Cecil County, Md.

H. W. FOWLER and T. D. KEIM. Collections of fishes from Pensauken and Neshaminy Creeks, Pa.

H. W. FOWLER and F. W. PENNELL. Collection of fishes, Wawa, Pa.

H. W. FOWLER and DR. C. C. ABBOTT. Collection of fishes, Trenton, N. J.

H. W. FOWLER, B. W. GRIFFITH and T. D. KEIM. Collection of fishes, Tullytown, Bucks County, Pa.

H. W. HAND. Specimen of *Lophius*, Cape May, N. J.

P. H. HARTMAN. Collection of fishes, Erie, Pa.

T. D. KEIM. Several fishes, Garrett County, Md.

AGNES F. KENYON. Collection of dried fishes, Melbourne, Australia.

DAVID MCCADDEN. Sand Eel, *Rissola marginata* and *Ammodytes*, Ocean City, N. J.

CLARENCE B. MOORE (collected by H. A. Pilsbry). Sea Catfish, Florida Keys.
U. S. FISH COMMISSION. *Lumpinus longirostris* and *Icelinus burcharni*, cotypes.
E. G. VANATTA. Collection of fishes, Chestertown, Md.

GEORGE B. WOOD. Collections of fishes, West Palm Beach, Florida, and
Cristine, Me.

INSECTS.

F. AUSTIN. Mole-cricket, New Jersey.

W. BEUTENMULLER. Sixteen specimens, United States.

C. R. BIEDERMAN. Three Heterocera, Arizona.

H. BIRD. Three Heterocera, United States.

C. R. BOERNER. Fourteen Coleoptera, Pennsylvania.

P. BIOLLEY. Thirty-seven Orthoptera, Costa Rica.

C. S. BRADDOCK. Eighteen Rhopalocera, Siam.

W. E. BRITTON. Five Diptera, United States.

STEWARDSON BROWN. Two hundred and ninety-three specimens, British
America.

L. BRUNER. *Jodacris costaricensis*, Costa Rica.

T. D. A. COCKERELL. *Xyela lutei picta* (type), New Mexico; *Holocaspis ari-
zonica* (type), Arizona.

N. CRIDDLE. Forty-four specimens, Manitoba.

E. DAECKE. Two Odonata, New Jersey.

MRS. J. S. DURHAM. Six Orthoptera, Cuba.

G. M. GREENE. Ten Coleoptera; eighty-eight Orthoptera; seventy-six
Hymenoptera, United States.

C. T. GREENE. Fourteen Diptera, Pennsylvania.

F. HAIMBACH. Six Heterocera, New Jersey.

M. HEBARD and J. A. G. REHN. Seven hundred Orthoptera, Florida.

C. W. JOHNSON. Forty-three Diptera, United States.

F. M. JONES. Six specimens insect architecture; seven Heterocera, South
Carolina.

H. KAEBER. Sixteen Orthoptera; one Hemiptera, Arizona.

BAYARD LONG. Various small lots of Orthoptera, United States.

K. MAYO. Two thousand four hundred and twenty-one specimens, Surinam
(purchased).

MRS. CHARLES SCHAEFFER. Two *Argynnis astarte*, British America.

HENRY SKINNER. Seven Lepidoptera, New Mexico; sixty-five Odonata,
Saskatchewan; twenty-four Coleoptera, Canada; seventy-four Rhopalocera,
Canada; one *Syntomedia befana* (type), Arizona; two *Chrysophanus arethus*
(cotypes).

A. J. SNYDER. Fifty-six specimens, Idaho (purchased).

W. STONE. Two Heterocera, Pennsylvania; fifty Diptera; sixty Hemiptera;
thirty Coleoptera, Maryland.

E. S. TUCKER. Fifteen Diptera, Colorado.

H. L. VIERECK. Twenty specimens, United States; six bees, Europe; three
thousand four hundred and twenty-four Hymenoptera; *Perdita novangliæ* (type).

UNIVERSITY MUSEUM, OXFORD, ENGLAND. Thirty-five Orthoptera, Borneo
(exchange).

UNIVERSITY OF KANSAS. Seventy-five Orthoptera, Arizona and Texas.

H. W. WENZEL. Two Coleoptera, Arizona; two *Aphodius*, Georgia; fourteen Coleoptera, United States.

W. G. WRIGHT. One hundred and forty-three Coleoptera, California.

P. R. YOUNG. One mole-cricket, New Jersey.

RECENT MOLLUSCA.

JACOB AEBLY. *Saxicava arctica*, taken from a sponge.

JOHN A. ALLEN. Twenty-four trays of shells from Ohio and Maine.

REV. E. H. ASHMUN. *Fluminicola minutissima* Pils., Price Valley, Idaho.

JOSHUA BAILY, JR. Six sets of American land shells.

CARL F. BAKER. Eighty-five species of mollusca from Cuba and Nicaragua.

F. H. BAKER. Thirty species of marine shells from Australia and New Zealand.

FLORENCE BALENTINE. *Ancylus borealis* Morse, from Orono, Maine.

OWEN BRYANT. *Melampus coffea*, Mangrove Bay, Andros, Bahamas.

P. P. CALVERT. Seven species of Mexican land and freshwater shells.

CHARLES F. CAVENAUGH. Twenty-two species of Philippine Islands marine shells.

DR. H. C. CHAPMAN. Nineteen species of marine mollusca from Maine and Italy.

GEORGE H. CLAPP. Twelve species of American land shells.

T. D. A. COCKERELL. Two land shells from Colorado.

C. H. CONNER. Six species of freshwater and marine shells from Pennsylvania and New Jersey.

MRS. A. V. B. CRUMB. Forty-eight species of shells from Burma.

DR. WILLIAM H. DALL. *Buccinum percrassum* Dall from Bering Island.

L. E. DANIELS. Five freshwater shells from Indiana.

H. GRACE EATON. Four species of land shells from New Mexico and California.

J. H. FERRISS and DR. H. A. PILSBRY. One hundred and forty-seven trays of land shells from Western States.

H. W. FOWLER, T. D. KEIM and DR. C. C. ABBOTT. Twelve trays of Pennsylvania and New Jersey land shells.

WILLIAM J. FOX. *Littorina irrorata* and *Nassa trivittata* from Sea Isle City, N. J.

M. GRABHAM. Eighty-seven trays of land shells from Madeira.

HAROLD HEATH. *Ommastrephes californica* from Monterey, California.

M. HEBARD and J. A. G. REHN. Four species of fresh water shells from California.

J. B. HENDERSON, JR. Twenty-four trays of shells from the Southern States.

J. B. HENDERSON, JR., and DR. H. C. CHAPMAN. *Polygyra albolabris* Say Bald Porcupine Island, Frenchman's Bay, Maine.

JUNIUS HENDERSON. Nine species of Colorado land shells.

DR. H. M. HILLER. Eight species of Cuban marine shells.

A. A. HINKLEY. Seventy-two trays of Mexican shells.

Y. HIRASE. Three species of Japanese marine mollusca.

MRS. ANNA G. HUBBELL. Fourteen marine shells.

HENRY JACKSON, JR. *Fulgur canaliculata* Say.

HOWARD JONES. Two species of bivalves from Atlantic City, N. J.

MRS. AGNES F. KENYON (in exchange). One hundred and four species of marine shells from Australia.

PHILIP LAURENT. *Limax maximus* L., Mt. Airy, Philadelphia, Pa.

- BAYARD LONG. Five marine shells from Bailey's Island, Maine.
 N. W. LERMOND. Two land shells from Maine.
 O. S. LEWIS. *Polygyra t. juxtidentis* Pils., Dorchester Mt., Morton, Va.
 MISS MAYO. Four species of land shells from Dutch Guiana.
 CLARENCE B. MOORE. Two hundred and sixty-one trays of shells from Florida.
 F. W. PENNELL. *Agriolimax agrestis* L., from Wawa, Delaware County, Pa.
 H. A. PILSBRY. Thirty-three species of shells.
 J. A. G. REHN. *Quadrula trapezoides* Lea, Pearl River, Jackson, Miss.
 S. N. RHOADS. Eleven species of shells from England and Panay Island.
 SLOMAN ROUS. Forty species of marine mollusca from South Africa.
 SILAS L. SCHUMO. Six species of marine shells from Hammerfest, Norway.
 BURNETT SMITH. Six freshwater shells from Skaneateles, N. Y.
 H. H. SMITH (purchased). Three hundred and sixteen trays of freshwater shells from Georgia and Alabama.
 SOWERBY and FULTON (purchased). Twenty-two East Indian shells.
 F. STEARNS. One hundred and eleven marine shells from Honolulu, Hawaiian Islands.
 WITMER STONE. Twenty-two land shells from Maryland and Pennsylvania.
 L. H. STRENG. Eight marine shells from Panama.
 D. THAANUM. Thirty-five land shells from the Hawaiian Islands.
 T. VAN HYNING. *Polygyra monodon* Rack., near Des Moines, Iowa.
 S. S. VAN PELT. Three marine shells from Cape May County, N. J.
 J. C. VERCO. Three sets of *Glycimeris sordidus* Tate, South Australia.
 BRYANT WALKER. Five land and freshwater shells from the United States.
 WARD'S NATURAL SCIENCE ESTABLISHMENT. *Conus* sp.
 W. F. WEBB. Eight land shells from the East Indies.
 W. H. WEBSTER. Five New Zealand marine shells.
 J. WILLCOX. Two land shells from Italy.
 GEORGE B. WOOD. One *Octopus* from West Palm Beach, Fla.
 JAMES ZETECK. *Opeas mauritianum* Pfi. from a greenhouse in Garfield Park, Chicago, Ill.

CRUSTACEA.

- C. H. CONNER. One jar of crabs from off Angelsea, N. J.
 H. W. FOWLER, T. D. KEIM, G. W. GRIFFITH, O. H. BROWN and H. W. WOOD. Eight jars of Crustacea from the Middle Atlantic States.
 S. H. HAMILTON. Two sets of Crustacea from Santiago Province, Cuba.
 A. A. HINKLEY. Two Crustacea from Tampico, Mexico.
 MRS. AGNES F. KENYON. Eight crabs from Victoria, Australia.
 CLARENCE B. MOORE. Ten jars of Crustacea from the Florida Keys.
 F. W. PENNELL. *Cambarus bartoni* from Wawa, Delaware County, Pa.
 UNITED STATES NATIONAL MUSEUM. Sixty-eight jars of barnacles.
 GEORGE B. WOOD. Two crabs from West Palm Beach, Fla.

WORMS.

- H. W. FOWLER. Two specimens *Mermes*.
 MR. HARVEY. *Tania* and *Oxyurus* from porcupine.
 MRS. AGNES F. KENYON. Fourteen bottles of *Polychaeta*.

J. P. MOORE. Forty-eight bottles of *Polychæta*, one *Nectonema agile*, ninety-five of *Syllidæ*.

H. A. PILSBRY. One earthworm.

PAYMASTER SPEAR. Specimens of Pololo worms.

H. L. VIERECK. Three bottles of *Oligochæta*, one Nematode.

OTHER INVERTEBRATES.

JACOB AEBLY. A set of *Iulus* from Philadelphia, Pa.

F. H. BAKER. *Waldheimia flavescens* from Western Port, Victoria, Australia.

H. W. FOWLER, T. D. KEIM and H. W. HAND. Seven jars of invertebrates from Delaware and New Jersey.

GEORGE HARTMAN. One jar of *Caudina* from Palermo, Cape May County, N. J.

MRS. AGNES F. KENYON. Seven marine invertebrates from Victoria, Australia.

CLARENCE B. MOORE. Three jars of invertebrates from the Florida Keys.

H. A. PILSBRY. Three jars of invertebrates from the Strait of Magellan.

WITMER STONE. *Iulus* from Jennings, Md.

GEORGE B. WOOD. Starfish and anemone from Castine, Maine.

FOSSIL INVERTEBRATES.

T. D. A. COCKERELL. Seven fossils from New Mexico.

DR. S. G. DIXON. Fossil *Brachiopoda* from Dundaffboro, Pa.

DR. WILLIAM DRAYTON, JR. Two fossils from the Cascade Range, British Columbia.

D. K. GREGER (in exchange). Twenty-four fossils from Missouri.

BURNETT SMITH. Twenty-two Devonian fossils from Skaneateles, N. Y.

MRS. SARAH CLAY MACFARLANE. Several specimens of fossils.

PERCY C. MADEIRA. Fossil plant in coal slate, Pottsville, Pa.

PLANTS.

EDWIN B. BARTRAM. Collection of Vermont plants.

STEWARTSON BROWN, BAYARD LONG and SAMUEL S. VAN PELT. Collection of plants from Newton and other New Jersey localities and from the Delaware Peninsula in Delaware and Virginia.

GEORGE M. GREEN. Faciated specimen of *Rudbeckia hirta*.

MRS. H. RICHARDS HARRIS. *Colluna vulgaris*, *Erica tetralix* and *Erica cinerea* from Nantucket.

MRS. THOMAS R. HILL. Double spathed specimen of *Arisæma triphyllum*.

MISS K. MAYO. Collection of Surinam plants. Purchased.

NEW YORK BOTANICAL GARDENS. Collection of West Indian plants. Exchange.

PHILADELPHIA BOTANICAL CLUB. Through various members, 2,500 local plants.

W. A. POYSER. *Polypodium falcatum* and *Polypodium Scouleri*.

C. F. SAUNDERS. Collection of plants from Mojave Desert.

MRS. CHARLES SCHAEFFER. Collection of plants from Saskatchewan region of Alberta.

UNIVERSITY OF PENNSYLVANIA. Collection of Bermuda plants. Exchange.

WESTTOWN BOARDING SCHOOL. Collection of plants from Cherokee, Kan. Exchange.

CHARLES S. WILLIAMSON. Collection of plants from Pennsylvania and New Jersey.

MRS. WRIGHT. Collection of California sea weeds.

BOTANICAL SECTION. Plants purchased: Heller's California collections for 1907; Pringle's Mexican collections for 1905 and 1906.

MINERALS AND ROCKS.

J. P. LABOW. Copper ore, Frisco, Beaver County, Utah.

MISS FRANCES M. LAMBERT. Small collection of minerals.

S. H. HAMILTON. Several rock specimens, Cuba.

WILLIAM S. VAUX COLLECTION. Sixty-four specimens purchased.

ARCHÆOLOGY.

CLARENCE B. MOORE. Numerous specimens for the Clarence B. Moore Collection from Indian mounds of Florida and the Gulf Coast.

PURCHASED. Two hundred and forty-three specimens of Colombian earthenware.